

ABSTRACT OF THE DISCLOSURE

The invention relates to a metal substrate with a corrosion-proofing bond coating containing adhesion-conferring polymers, based on organic compounds, as well as a method for applying the bond coating. The metal substrate may be that of a vehicle body. The bond coating contains polybismaleimides as the adhesion-conferring polymers, which may be homopolymers or copolymers of bismaleimides and/or maleimide-terminated oligomers or polymers, which can be copolymers of these compounds and organic compounds with polymerizable functional groups. The bond coating is applied as a solution, emulsion, or dispersion, and fixed by heating or irradiation.